

chip and composed of the same material as that of the wiring board, the warp preventing board having a warp preventing board thickness substantially equal to the wiring board thickness, wherein an external connection member for surface mounting is arranged on a surface, facing away from the semiconductor chip, of the wiring board.

REMARKS

Claims 1 and 3-5 are pending in the application. By this Amendment, claim 2 is canceled without prejudice or disclaimer and claim 1 is amended.

Claims 1, 2 and 5 are rejected under 35 U.S.C. 102(b) as anticipated by Shirai et al. (U.S. Patent No. 6,137,687). The rejection is respectfully traversed.

Shirai et al. discloses in Fig. 5F of their patent, a structure that has a flexible board 201, a circuit chip 210 mounted on the flexible board 201, a PET sheet 212 adhered to the top surface of the circuit chip 210 by an adhesive agent.

Claim 1 is directed to a semiconductor device that includes a semiconductor chip, a wiring board and a warp preventing board. The wiring board is joined to one surface of the semiconductor chip and electrically connected to the semiconductor chip.

Claim 1 recites that the wiring board has a wiring board thickness. The warp preventing board is joined to the outer surface of the semiconductor chip and is composed of the same material as that of the wiring board. Claim 1 further recites that the warp preventing board has a warp preventing board thickness that is substantially equal to the wiring board thickness. Also, claim 1 recites an external connection member for surface mounting is arranged on a surface, facing away from the semiconductor chip, of the wiring board.

It is respectfully submitted that the rejection is improper because the applied art fails to teach each element of claim 1. Specifically, the applied art fails to teach an external connection member for surface mounting arranged on a surface, facing away from a semiconductor chip, of a wiring board. Thus, it is respectfully submitted that claim 1 is allowable over the applied art.

Claim 2 depends from claim 1 and includes all of the features of claim 1. Thus,